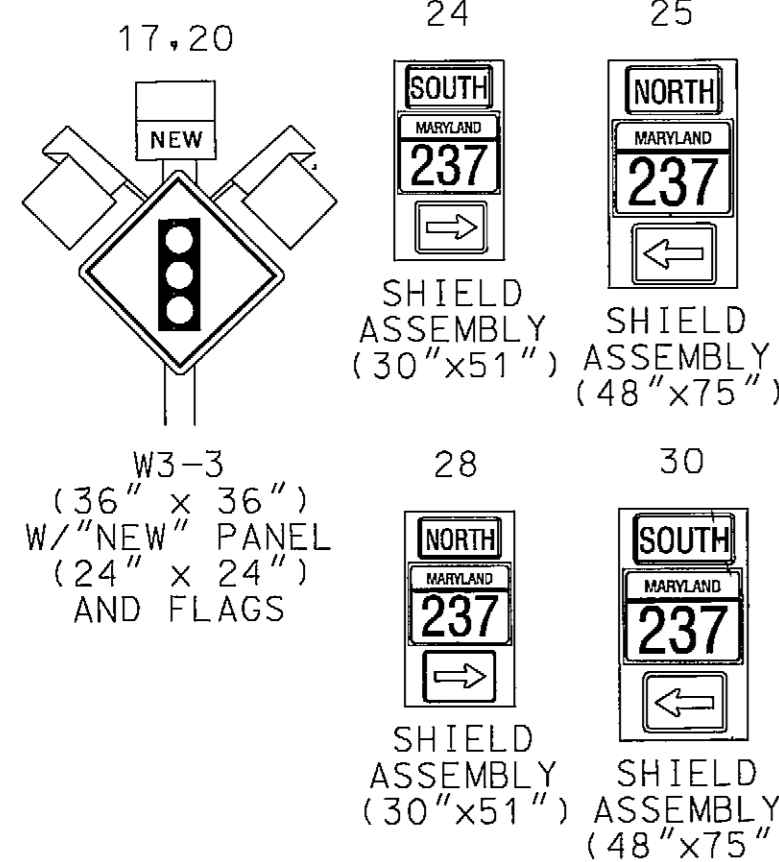
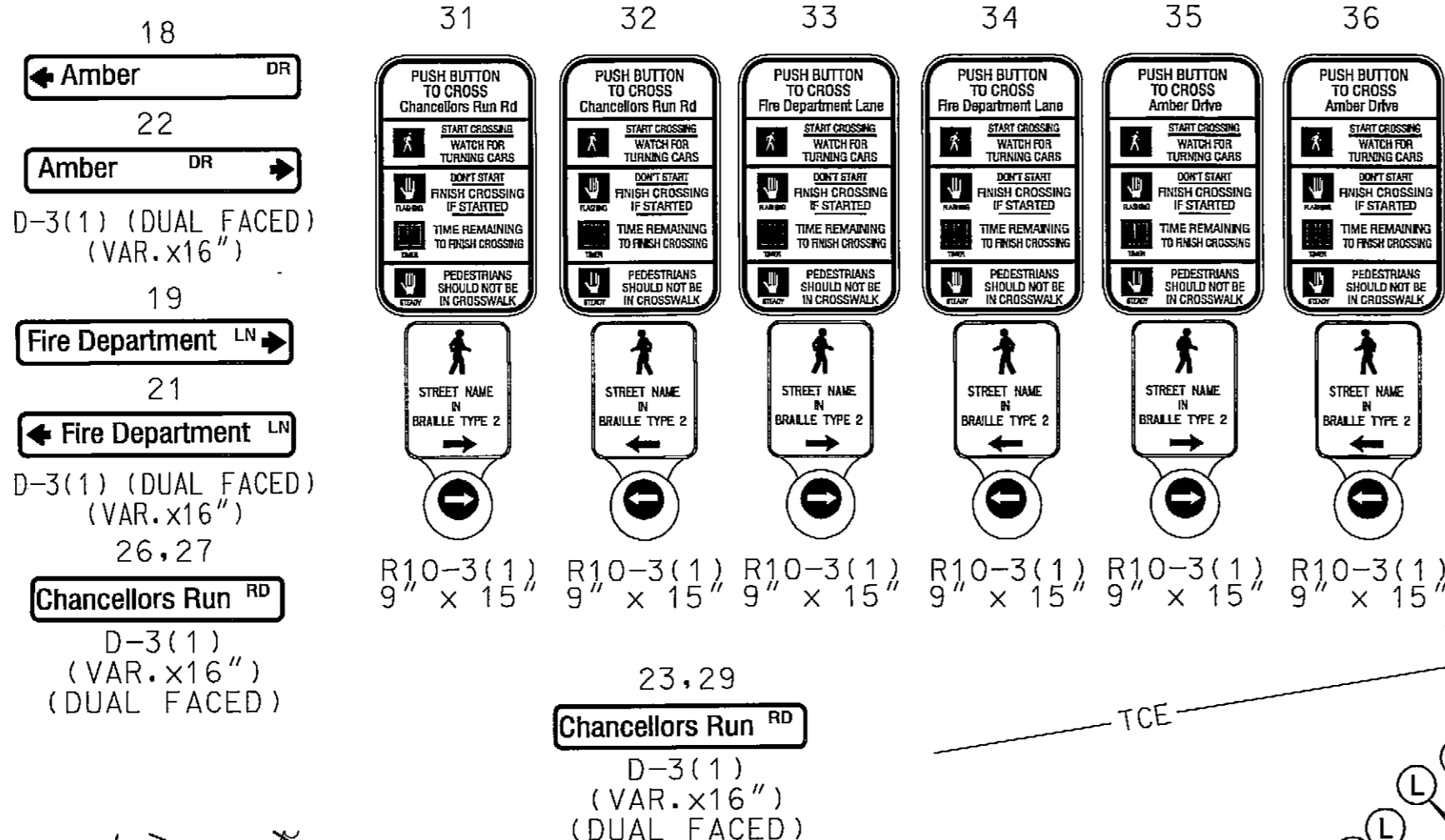


MD 237 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS



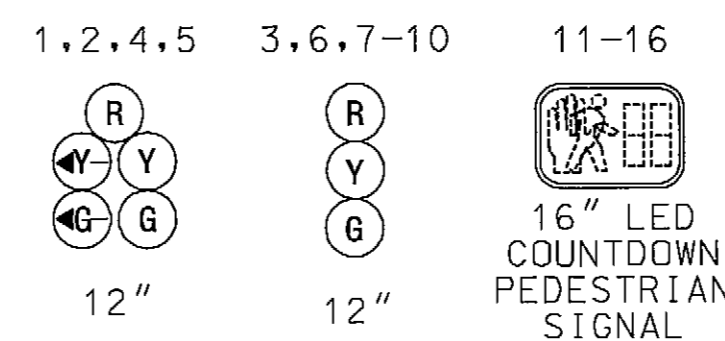
PROPOSED SIGNS



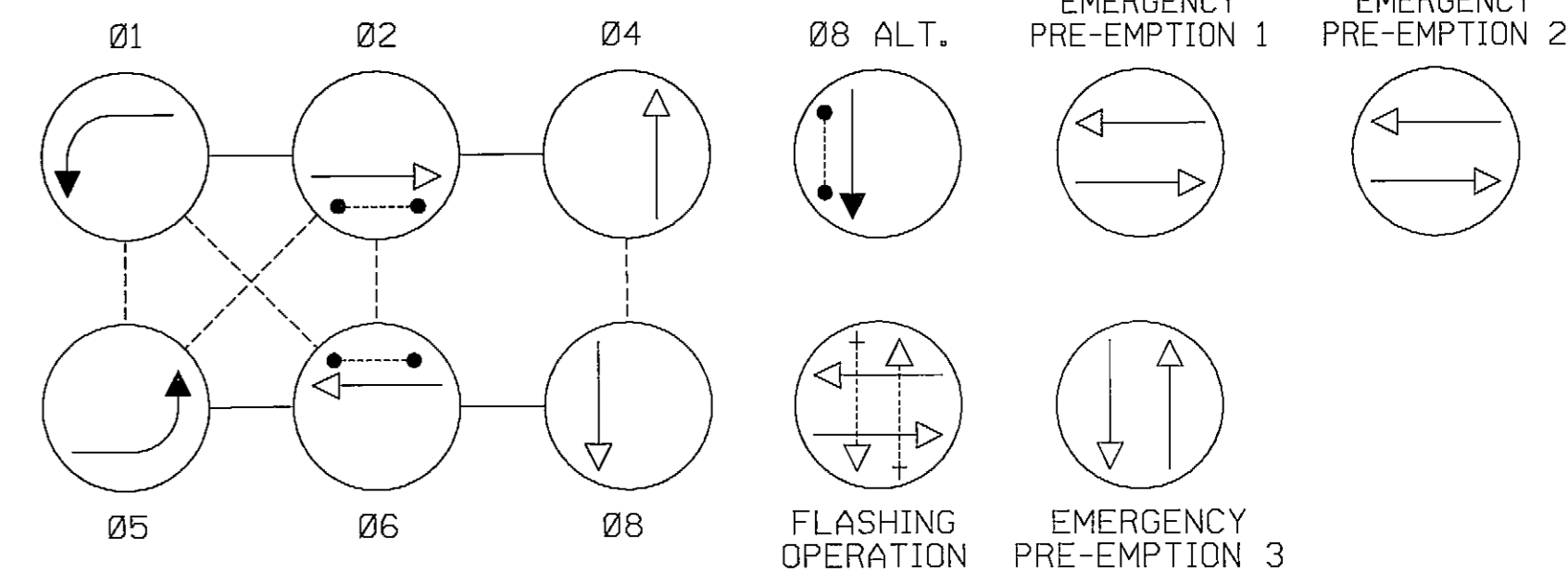
EXISTING VIDEO DETECTION
CAMERA TO BE RELOCATED
(SHOWN AT FINAL LOCATION)

PROPOSED VIDEO
DETECTION CAMERA

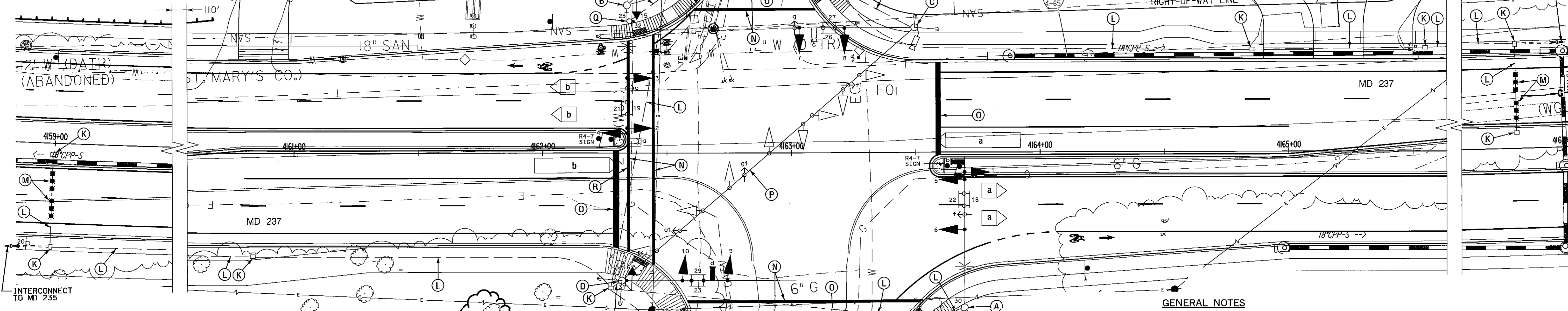
PROPOSED SIGNALS



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- USE EXISTING STEEL POLE AND INSTALL A 60 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, COUNTDOWN PEDESTRIAN SIGNAL HEAD, OPTICOM DETECTOR EYE AND VIDEO DETECTION CAMERA MOUNTED ON MAST ARM.
- USE EXISTING STEEL POLE AND INSTALL A 70 FT. MAST ARM (CUT TO 65 FT.), TRAFFIC SIGNAL HEADS, SIGNS, COUNTDOWN PEDESTRIAN SIGNAL HEAD, RELOCATED OPTICOM DETECTOR EYE AND RELOCATED VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. RELOCATE EXISTING VIDEO DETECTION CAMERA TO PROPOSED MAST ARM (VIDEO CAMERA LOCATION 'a').
- USE EXISTING STEEL POLE AND INSTALL A 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, COUNTDOWN PEDESTRIAN SIGNAL HEAD, RELOCATED OPTICOM DETECTOR EYE AND RELOCATED VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. RELOCATE EXISTING VIDEO DETECTION CAMERA TO PROPOSED MAST ARM (CAMERA LOCATION 'c'). REMOVE EXISTING BACK GUYS.
- USE EXISTING STEEL POLE AND INSTALL A 70 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, COUNTDOWN PEDESTRIAN SIGNAL HEAD AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS CHANCELLORS RUN ROAD."), VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. REMOVE EXISTING BACK GUYS.
- USE EXISTING STEEL PEDESTAL POLE AND INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT, R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS FIRE DEPARTMENT LANE").
- USE EXISTING STEEL PEDESTAL POLE AND INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT, R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS FIRE DEPARTMENT LANE").
- USE EXISTING STEEL PEDESTAL POLE (CUT TO 5 FT.) AND INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT, R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS AMBER DRIVE").
- USE EXISTING STEEL PEDESTAL POLE AND INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT, R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS AMBER DRIVE").
- USE EXISTING BASE MOUNTED CONTROLLER AND CABINET.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PREVIOUSLY INSTALLED 3 IN. CONDUIT.
- INSTALL 12 INCH HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
- INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- RELOCATE EXISTING OPTICOM DETECTOR EYES TO PROPOSED MAST ARMS AS SHOWN. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
- USE EXISTING STEEL PEDESTAL POLE AND INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R1-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS CHANCELLORS RUN ROAD.").
- CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

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OFFICE DIRECTOR	

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DIVISION CHIEF	
OFFICE DIRECTOR	

TRAFFIC SIGNALIZATION PLAN - ULTIMATE	
SCALE 1" = 20' ADVERTISED DATE APRIL 3, 2009 CONTRACT NO. SM7575121	
DESIGNED BY S. Bloss	COUNTY ST MARYS
DRAWN BY S. Bloss	LOGMILE
CHECKED BY N. Leary	TMS NO. H783
F.A.P. NO. ACSTP-HP-24420001E	TOD NO.
TS NO. 4690	DRAWING TSP-1C OF 16
SHEET NO. 2C OF 36	

PLOTTED: 06-23-2009
FILE: r:\91628-000\add\Greenline Revision 2\SG-P004_md237-ULT_G2.dgn